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On: Needed measuring devices and Control structures for Argyle Creek - lower Nine Mile Creek.

((Nine Mile Creek Distribution System Measuring Devices and Control Structures))

A recent investigation was made of Nine Mile Creek east of Price, Utah to determine the extent of regulation and the need for measuring devices and control structures. This investigation was made by the State Engineer's Office at the request of the water users of Nine Mile Creek and their attorneys.

The map which accompanies this report in general details shows the physical character of the Nine Mile Distribution System and the relationship of the diversions to each other and to the entire system.

The following recommendations are made for more effective control and proper distribution of the waters of Nine Mile Creek. The request was made to recommend suitable measuring devices and headgates on the Argyle and lower Nine Mile portions of the Nine Mile Creek drainage.

1. A 3-ft. parshall flume, steel, is needed above diversions on Argyle Creek to provide an initial measuring point from which to begin distribution.

2. N. L. Wimmer needs a 9-inch parshall flume, steel, and a screwtype headgate, on both the upper and lower diversion.

3. Ted Housekeeper needs a 9-inch steel parshall flume and a screwtype headgate.

4. Henry Mills needs a 9-inch steel parshall flume and a screwtype headgate on both diversions.

5. Leon Presset needs a 9-inch parshall flume, steel, and a screwtype headgate.

6. Dan Hayes needs a 9-inch steel parshall flume and a screwtype headgate on his upper diversion.

7. Nutter Corporation has 12-inch parshall flumes, steel, on all three upper diversions, screwtype headgates are recommended on these diversions.

No control structures or measuring devices have been recommended to date on the lower Nine Mile diversions of Dan Hayes, Pace, or Nutter. These lands are served by the waters from Dry Canyon and Cottonwood Creek and most of the water is used only for stockwatering purposes. The upper Nutter diversions nearly always dry up the Nine Mile Creek channel, as is indicated on the map by the dashed or broken drainage line.

The waters of Minnie Maud Creek and upper Nine Mile Creek are under another decree, and this portion of the stream is all diverted before its confluence with Argyle Creek. Some return flow reaches the Argyle-Lower Nine Mile system, but no measuring of this return flow was made on this investigation. The diversions from Minnie Maud-Upper Nine Mile are shown on the map, and the 9-inch steel parshall flumes noted on the map appeared to be in good operating condition.

The investigation was made by Clarence E. Erickson, Jr., Distribution Engineer, Utah State Engineer's Office, and by John Bene, Carbon County Engineer.